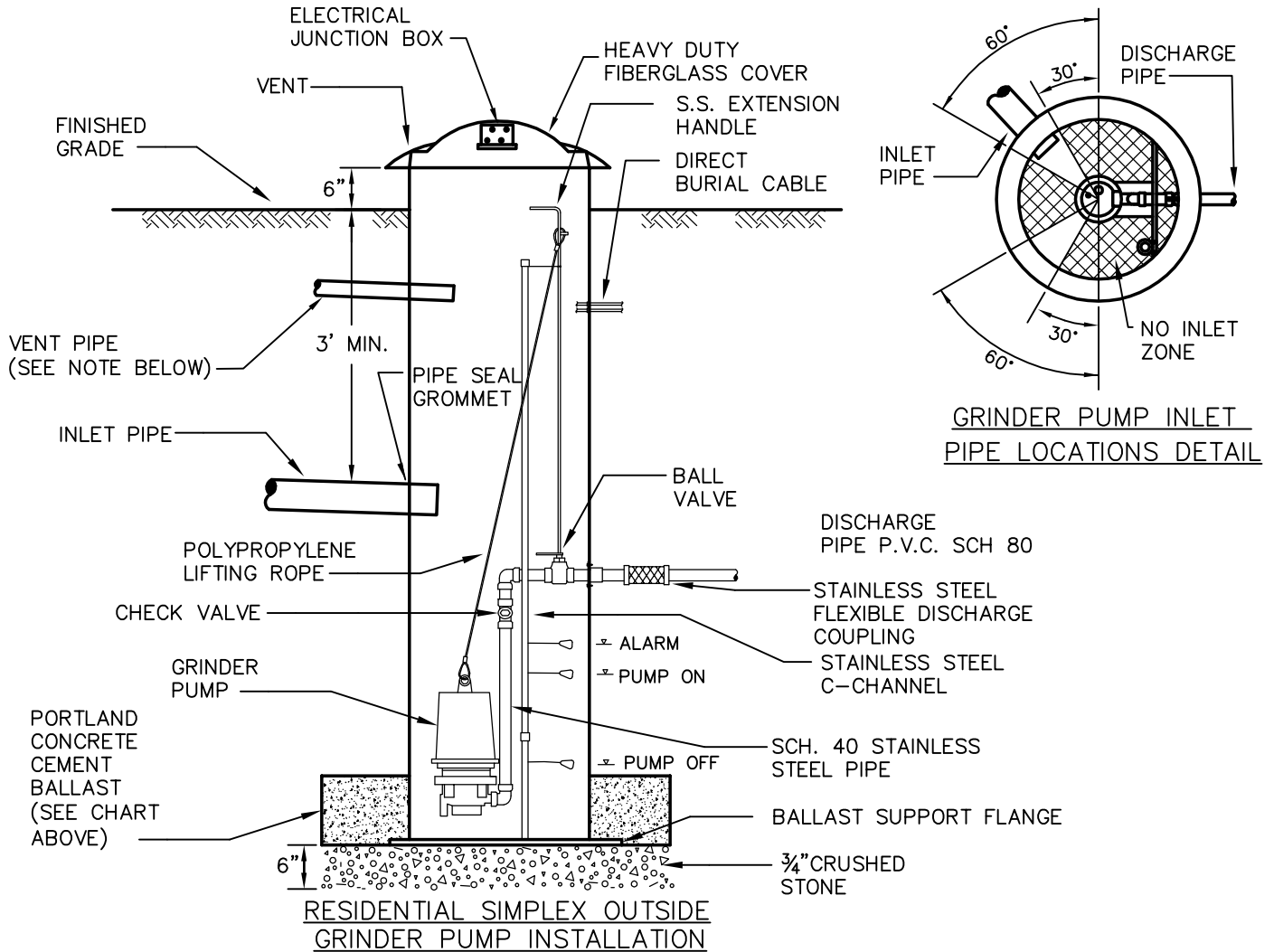


CONCRETE BALLAST (IN CUBIC YARDS)

BASIN I.D.	BASIN HEIGHT					
	72"	84"	96"	108"	120"	144"
36"	1.03	1.21	1.39	1.57	1.75	2.10



NOTES:

1. THE MINIMUM SIZE FOR FORCE BUILDING SEWERS AND PUMP DISCHARGE PIPING SHALL BE 1-1/4" NOMINAL DIAMETER.
2. THE GRINDER PUMP AND DISCHARGE LINES SHALL BE SIZED BY THE OWNER'S ENGINEER TO ACCOMMODATE PROJECTED USAGES.
3. THE BALL POCKET OF THE CHECK VALVE MUST BE SET VERTICALLY ABOVE THE AXIS OF THE DISCHARGE.
4. THE INLET PIPE MUST HAVE A MINIMUM OF 36" COVER AND BE A MINIMUM OF 30" FROM THE BOTTOM OF THE TANK.
5. A MINIMUM STORAGE CAPACITY OF 300 GALLONS SHALL BE PROVIDED.

VENT PIPES SHALL BE:

- GALVANIZED; PVC OR BLACK IRON W/ THREADED FITTINGS.
- NO LESS THAN 3" DIAMETER PIPE.
- TERMINATED IN A SCREENED INLET BEND.
- SECURED TO THE OUTSIDE WALL OF THE BUILDING WITH BRACKETS OR CONNECTED TO AN INTERIOR VENT STACK IN ACCORDANCE WITH LOCAL AND STATE BUILDING CODES.
- SEE TOWN OF GLASTONBURY SPECIFICATIONS ADDITIONAL INSTALLATION INFORMATION.



SCALE : NONE
DRAWN BY: SR
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED:
4/29/2008



TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

TYPICAL RESIDENTIAL GRINDER PUMP

PLATE NO. 47